ATTORNEY'S DOCKET NUMBER RCE PATENT AND TRADEMARK OFFICE **FORM PTO-1390** U.S. DEPARTMENT OF JUL 1 1 2001 PATKRI P02AUS TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE HAD THE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. January 7, 2000 January 18, 1999 PCT/EP00/00084 TITLE OF INVENTION METHOD FOR ELECTROCHEMICALLY DETECTING NUCLEIC ACID-OLIGOMER HYBRIDISATION EVENTS APPLICANT(S) FOR DO/EO/US Gerhard HARTWICH .Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. 

This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. 
A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. 

is transmitted herewith (required only if not transmitted by the International Bureau). b. ■ has been transmitted by the International Bureau. (PCT/IB/308 mailed 20 July 2000) c.  $\square$  is not required, as the application was filed in the United States Receiving Office (RO/US) ſŌ A translation of the International Application into English (35 U.S.C. 371(c)(2)) is attached. ■ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau). b. □ have been transmitted by the International Bureau. U c. □ have not been made; however, the time limit for making such amendments has NOT expired. ıπ d. I have not been made and will not be made. [費. □ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  ${f 40.}\;\square$  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). items 11, to 16, below concern other document(s) or information included: ति. E An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO FORM 1449. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 

A FIRST preliminary amendment. ☐ A SECOND or SUBSEQUENT preliminary amendment. 14. 
 A substitute specification. 15. ☐ A change of power of attorney and/or address letter. 16. ■ Other items or information: ■ Copy of Request Preliminary Examination Report 6 sheets of formal drawings ■ Annexes to Pre. Ex. Rep. ■ Abstract ■ International Search Report ■ German Language Specification ☐ German Novelty Search Report ■ Submission of Formal Drawings 51 copies of citations Marked-Up Version of Amended Specification Form PCT/IB/308 ■ International Publ. No. WO 00/42217 (Face page only) **CERTIFICATION UNDER 37 CFR 1.10** I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date July 11, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number <u>EL469354975US</u> addressed to the: Commissioner of Patents and Trademarks. Washington, Dac

Michael J. Bulold

(typed or printed name of person mailing paper)

(signature of person mailing paper)

Basic National Fee (37 CFR 1.492(e)(1)-(5)):  Bearch Report has been prepared by the EPO or JPO \$860.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) but \$860.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) but \$710.00  Identificational preliminary examination fee goal to USPTO (37 CFR 1.482) nor ternational preliminary examination fee (37 CFR 1.482) nor ternational preliminary examination fee (37 CFR 1.482) nor ternational search fee (37 CFR 1.445(e)(2)) paid to USPTO \$100.00  Bearch Representational preliminary examination fee paid to USPTO (37 CFR 1.482) nor ternational search fee (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.482) nor ternational search fee (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.482) nor ternational search fee (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.482) nor ternational search fee (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examination fee paid to USPTO (37 CFR 1.492(e))  But the statistical preliminary examinatio	17.  The following					
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mail claims satisfied provisions of PCT Article 33(1)-(4) ENTER APPROPRIATE BASIC FEE AMOUNT = 860  Surcharge of \$130.00 for furnishing the eath or declaration later than □ 20 □ 30 months on the earliest claimed priority date (37 CFR 1.492(e)).  Claims Number Filed Number Extra Rate  Claims 71 - 20 = 51	Neither international nternational search	preliminary examination ( fee (37 CFR 1.445(a)(2))	fee (37 CFR 1.482) nor paid to USPTO	· · · · · · · · \$1000.00		
Claims Number Filed Number Extra Rate Claims Number Filed Number Extra Rate Cotal Claims 71 - 20 = 51 x \$18.00 6978  Independent 1 - 3 = 0 x \$80.00  Autitiple dependent claim(s) (if applicable) + \$270.00 0  TOTAL OF ABOVE CALCULATIONS = 1838  Letitude on y 1/2 for filing by small entity, if applicable. Applicant Claims Small Entity states. (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Independent (Note 37 CFR 1.9 1.27, 1.28).  Substorial = 919  Independent (Note 37 CFR 1.9 1.27, 1.28).  Indepe	nternational prelimir and all claims satisfic	ed provisions of PCT Artic	cle 33(1)-(4)	\$100.00	860	
total Claims  71 - 20 = 51				□ 20 □ 30 months	0	
Additiple dependent claim(s) (if applicable)    + \$270.00	Claims	Number Filed	Number Extra	Rate		
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TOTAL NATIONAL FEE = 0  TOTAL Set on the assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 40  TOTAL FEES ENCLOSED = 959  Amount to be: refunded \$ charged \$  Limit A check in the amount of \$ 959.00 to cover the above fees is enclosed.  Please charge my Deposit Account No. 04-0213 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0213 . A duplicate copy of this sheet is enclosed.  TOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pendin features.  SEND ALL CORRESPONDENCE TO:  Michael J. Bujold - Registration No. 32,018  Davis & Bujold - Registration No. 32,018  Davis & Bujold - Registration No. 32,018  Total National Street Manchester, NH 03101-1151  Telephone (803) 624-9220	[ <b>0</b>			SUBTOTAL =	919	
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Please charge my Deposit Account No04-0213_ in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No04-0213 A duplicate copy of this sheet is enclosed.  DOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  DEND ALL CORRESPONDENCE TO:  Michael J. Bujold — Registration No. 32,018  Davis & Bujold, P.L.L.C.  Fourth Floor 500 North Commercial Street Manchester, NH 03101-1151 Telephone (603) 624-9220	a M A shook in the s		was the above foos is	l	Cilarged	1.4
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Michael J. Bujold — Registration No. 32,018  Davis & Bujold, P.L.L.C.  Fourth Floor  500 North Commercial Street  Manchester, NH 03101-1151  Telephone (603) 624-9220					, a petition to revive	(ar Grk 1.13/(a)
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